

Massachusetts Electric

A National Grid Company



Amy G. Rabinowitz
Counsel

March 21, 2003

Mary L. Cottrell, Secretary
Department of Telecommunications and Energy
One South Station, 2nd Floor
Boston, MA 02110

Re: D.T.E. 03-20

Dear Secretary Cottrell:

I am enclosing the proposal of Massachusetts Electric Company ("Mass. Electric") and Nantucket Electric Company ("Nantucket") (together "Company") for the Company's refund to customers of the Service Quality penalty incurred for calendar year 2002 as filed in their 2002 Service Quality Reports ("SQ Reports") submitted to the Department on March 3, 2003. The Company is proposing to credit customers on all Mass. Electric and Nantucket bills rendered during the billing month of May 2003 a credit factor of 0.302¢ per kWh, consistent with the implementation of the 2000/2001 Service Quality credit factor in May of 2002. The factor would provide a bill credit of \$1.51 on a 500 kWh bill.

In Section 2 of the Company's SQ Reports,¹ the Company noted that it had incurred approximately \$4.9 million in net Service Quality Penalties for calendar year 2002. As can be seen by reference to Section 2 of each of the SQ Reports, and provided in this filing in greater detail in Attachment 3, essentially all of this amount was incurred by Mass. Electric while only a small amount (approximately \$6,500) was incurred by Nantucket. The Company incurred the maximum penalties for the reliability measures: frequency and duration, while earning incentives in two of the customer service measures: calls answered within 20 seconds and DTE cases. The results of these four performance metrics produce a net penalty of \$4,894,905, which is the basis for the Company's proposal today.

¹ The Company submitted two SQ Reports on March 3, 2003 in this docket: one for Mass. Electric and one for Nantucket, as directed by the Department in D.T.E..01-71B

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Mary L. Cottrell
March 21, 2003
Page 2 of 2

Attachment 1 to this filing is the calculation of the one-month credit of 0.302¢ per kWh. Attachment 2 is the reconciliation of the 2000/2001 Service Quality penalty refunded to customers during May 2002. The Company is proposing to reconcile the amount it was required to refund to customers against the amount actually reflected in customer bills from May 2002 to the most recently completed billing month to capture any subsequent billing activity related to the Service Quality refund. The amount of the over refund to customers of \$80,328 is reflected in Attachment 1. Attachment 3 provides the pertinent qualitative results and statistical data for Mass. Electric and Nantucket, and the calculation of the resulting penalty and incentive for each performance metric. Attachment 4 contains the tariff cover sheets of Mass. Electric and Nantucket, marked to show changes from the tariff cover sheets currently in effect, reflecting the proposed Service Quality credit of 0.302¢ per kWh.

Thank you very much for your time and attention to this matter.

Very truly yours,

Amy G. Rabinowitz

cc: Service list

Attachment 1

Calculation of Service Quality Credit

Massachusetts Electric Company
Nantucket Electric Company
Calculation of \$/kWh Credit Factor for 2002 Net Service Quality Penalty
One Month Credit in July 2003

(1)	2002 Net Service Quality Penalty	\$4,894,905
(2)	Balance Attributable to 2000/2001 Net Service Quality Penalty	<u>(\$80,328)</u>
(3)	Total Amount to be Credited to Customers in 2003	\$4,814,577
(4)	Forecasted May 2003 kWh Deliveries	<u>1,592,270,082</u>
(5)	Proposed per kWh Service Quality Credit	\$0.00302

- (1) March 3, 2003 *2002 Service Quality Report* filing for Mass. Electric in DTE 03-20, Section 2, Page 1 of 9 of \$4,888,363 plus March 3, 2003 *2002 Service Quality Report* filing for Nantucket Electric in DTE 03-20, Section 2, Page 1 of 9 of \$6,542
- (2) Attachment 2
- (3) Line (1) + Line (2)
- (4) Per Company forecast, reflects Mass. Electric and Nantucket Electric
- (5) Line (3) ÷ Line (4), truncated after 5 decimal places

Attachment 2

Reconciliation of 2000/2001 Service Quality Credit

20-Mar-03

Massachusetts Electric Company
Nantucket Electric Company
2000/2001 Service Quality Penalty
Incurred Calendar Years 2000 and 2001

<u>Month</u>	<u>Beginning Penalty Balance</u>	<u>Credits to Customers</u>	<u>Ending Penalty Balance</u>	<u>Balance Subject to Interest</u>	<u>Interest Rate</u>	<u>Interest</u>	<u>Cumulative Interest</u>
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
May-02	\$6,338,082	\$6,400,696	(\$62,614)	\$3,137,734	0.00%	\$0	\$0
Jun-02	(\$62,614)	\$25,515	(\$88,128)	(\$75,371)	0.00%	\$0	\$0
Jul-02	(\$88,128)	(\$3,888)	(\$84,241)	(\$86,185)	0.00%	\$0	\$0
Aug-02	(\$84,241)	(\$1,974)	(\$82,267)	(\$83,254)	0.00%	\$0	\$0
Sep-02	(\$82,267)	(\$752)	(\$81,515)	(\$81,891)	0.00%	\$0	\$0
Oct-02	(\$81,515)	(\$421)	(\$81,094)	(\$81,304)	0.00%	\$0	\$0
Nov-02	(\$81,094)	(\$679)	(\$80,415)	(\$80,755)	0.00%	\$0	\$0
Dec-02	(\$80,415)	(\$6)	(\$80,409)	(\$80,412)	0.00%	\$0	\$0
Jan-03	(\$80,409)	(\$91)	(\$80,318)	(\$80,363)	0.00%	\$0	\$0
Feb-03	(\$80,318)	\$10	(\$80,328)	(\$80,323)	0.00%	\$0	\$0

\$6,418,410

Remaining Refund of September 2002 Over Recovery (\$80,328)

- (a) May-2002: April 4, 2002 Filing in DTE 01-71-B, Line (d)
Prior Month Column (c) + Prior Month Column (f)
- (b) Per Billing Records for Mass. Electric and Nantucket Electric
- (c) Column (a) - Column (b)
- (d) [Column (a) + Column (c)] ÷ 2
- (e)
- (f) Column (c) x [Column (e) ÷ 12]
- (g) Column (f) + Prior Month Column (g)

Attachment 3

Summary of Calculation of Penalties/Incentives

Service Quality Plan Results - Massachusetts Electric - Calendar 2002

	% Allocation	Max Penalty or Incentive	2002		Historical data through		Actual 2002 (Penalty) or Incentive
			Calendar Yr Results	Actuals Through	December 31, 2001: Mean	Standard Deviation	
Reliability - Frequency (1)	22.5%	\$ 2,968,125	1.641	Dec 02	1.197	0.107	\$ (2,968,125)
Reliability - Duration (1)	22.5%	\$ 2,968,125	183.36	Dec 02	93.73	11.79	\$ (2,968,125)
Lost Time Incident Rate (1)	10.0%	\$ 1,319,167	1.11	Dec 02	1.52	0.46	\$ -
Customer Service - Calls Answered w/in 20 seconds	12.5%	\$ 1,648,958	84.5%	Dec 02	72.8%	8.4%	\$ 799,766
Customer Service - DTE Cases	5.0%	\$ 659,583	804	Dec 02	988	150	\$ 248,121
Customer Service - Billing Adjustments	5.0%	\$ 659,583	34.46	Dec 02	28.54	8.62	\$ -
Customer Service - Service Appointments Met	12.5%	\$ 1,648,958	n/a				
Customer Service - % of Meters Read	10.0%	\$ 1,319,167	95.4%	Dec 02	92.2%	4.3%	\$ -
Maximum Penalty or Incentive	100.0%	\$ 13,191,665			Total		\$ (4,888,363)
<p>\$ 659,583,258 2002 T&D revenue (based on 12 months actual through December 31, 2002)</p> <p>2%</p> <p>\$ 13,191,665 Maximum Penalty/Incentive (1) As defined by the Mass DTE</p>							

Additional Information	Calendar 2002 Performance:				Results:			
	Penalty Range:		Incentive Range:		Actual YTD Includes:	Actual YTD	Actual 2002	Actual 2001
Service Quality Standard:	Maximum	Minimum	Minimum	Maximum				
Reliability - Frequency	1.411	1.305	1.089	0.983	Dec 02	1.641	1.641	1.175
Reliability - Duration	117.31	105.53	81.93	70.15	Dec 02	183.36	183.36	105.19
Lost Time Accident Rate	2.44	1.99	1.05	0.60	Dec 02	1.11	1.11	2.63
Calls Answered w/in 20 sec	56.0%	64.3%	81.3%	89.6%	Dec 02	84.5%	84.5%	59.0%
DTE Cases	1,288	1,139	837	688	Dec 02	804	804	1,158
Billing Adjustments	45.78	37.17	19.91	11.30	Dec 02	34.46	34.46	23.17
Service Appts Met	N/A (until Calendar 2005)				n/a	n/a	n/a	n/a
Percent of Meters Read	83.6%	87.8%	96.6%	100.0%	Dec 02	95.4%	95.4%	83.4%

Service Quality Plan Results - Nantucket Electric - Calendar 2002

	% Allocation	Max Penalty or Incentive	2002		Historical data through		Actual 2002 (Penalty) or Incentive
			Calendar Yr Results	Actuals through	December 31, 2001:	Standard Deviation	
Reliability - Frequency (1)	22.5%	\$ 33,018	0.639	Dec 02	0.377	0.347	\$ -
Reliability - Duration (1)	22.5%	\$ 33,018	39.50	Dec 02	17.31	15.91	\$ (16,057)
Lost Time Incident Rate (1)	10.0%	\$ 14,675	0.00	Dec 02	3.36	3.69	\$ -
Customer Service - Calls Answered w/in 20 sec	12.5%	\$ 18,343	84.9%	Dec 02	72.8%	8.4%	\$ 9,515
Customer Service - DTE Cases	5.0%	\$ 7,337	3	Dec 02	6	5	\$ -
Customer Service - Billing Adjustments	5.0%	\$ 7,337	0.00	Dec 02	28.73	60.40	\$ -
Customer Service - Service Appts Met	12.5%	\$ 18,343	n/a				n/a
Customer Service - % of Meters Read	10.0%	\$ 14,675	93.2%	Dec 02	96.1%	3.7%	\$ -
Maximum Penalty or Incentive	100.0%	\$ 146,745			Total		\$ (6,542)
<p>\$ 7,337,256 2002 T&D revenue (based on 12 months actual through December 31, 2002)</p> <p>2%</p> <p>\$ 146,745 Maximum Penalty/Incentive (1) As defined by the Mass DTE</p>							

Additional Information	Calendar 2002 Performance:				Results:			
	Penalty Range:		Incentive Range:		Actual YTD Includes:	Actual YTD	Actual 2002	Actual 2001
Service Quality Standard:	Maximum	Minimum	Minimum	Maximum				
Reliability - Frequency	1.071	0.725	0.029	0.000	Dec 02	0.639	0.639	0.381
Reliability - Duration	49.13	33.23	1.39	0.00	Dec 02	39.50	39.50	22.85
Lost Time Accident Rate	10.74	7.06	0.00	0.00	Dec 02	0.00	0.00	0.00
Calls Answered w/in 20 sec	56.0%	64.3%	81.3%	89.6%	Dec 02	84.6%	84.9%	59.0%
DTE Cases	16	12	0	0	Dec 02	3	3	2
Billing Adjustments	149.53	89.14	0.00	0.00	Dec 02	0.00	0.00	0.00
Service Appts Met	N/A (until Calendar 2005)				n/a	n/a	n/a	n/a
Percent of Meters Read	88.7%	92.3%	99.9%	100.0%	Dec 02	93.2%	93.2%	97.4%

Attachment 4

Proposed Tariff Cover Sheets
Massachusetts Electric Company
And
Nantucket Electric Company

MASSACHUSETTS ELECTRIC COMPANY

Residential Regular R-1
M.D.T.E. No. 1018

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	January 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$5.81	
<u>Distribution Charge per kWh (1)</u>	2.398¢	
<u>Transmission Charge per kWh</u>	0.660¢	
<u>Transition Charge per kWh</u>	1.002¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	4.700¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Interruptible Credits

IC-1	\$5.50
IC-2	\$7.50
IC-3 (billing months of July, Aug., Sept., Oct. only)	\$6.00
IC-4 (billing months of July, Aug., Sept., Oct. only)	\$6.50

Minimum Charge

The monthly Customer Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

MASSACHUSETTS ELECTRIC COMPANY

EffectiveResidential Low Income R-2
M.D.T.E. No.1019

May 1, 2000

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service AdjustmentJanuary 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003Monthly Charge as AdjustedRates for Retail Delivery Service

<u>Customer Charge</u>	\$3.77	
<u>Distribution Charge per kWh (1)</u>	0.359¢	
<u>Transmission Charge per kWh</u>	0.660¢	
<u>Transition Charge per kWh</u>	1.051¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	4.700¢	
<u>Default Service Charge per kWh</u>	per Tariff for Default Service	

Interruptible Credit

IC-1	\$5.50
IC-2	\$7.50

Minimum Charge

The monthly Customer Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

MASSACHUSETTS ELECTRIC COMPANY

Residential - Time-of-Use (Optional) R-4
M.D.T.E. No. 1033

Effective
May 1, 2000

Adjusted by:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	January 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$19.20	
<u>Metering Charge</u>	If applicable	
<u>Distribution Charge per kWh (1)</u>		
Peak Hours Use	6.057¢	
Off-Peak Hours Use	0.281¢	
<u>Transmission Charge per kWh</u>	0.441¢	
<u>Transition Charge per kWh</u>		
Peak Hours Use	2.363¢	
Off-Peak Hours Use	(0.193¢)	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	4.700¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Minimum Charge

The monthly Customer Charge plus the applicable Metering Charge, if any.

Other rate clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

MASSACHUSETTS ELECTRIC COMPANY

General Service-Small Commercial & Industrial G-1

M.D.T.E. No. 1021

Adjusted By:

Effective

May 1, 2000

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	January 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$8.32	
<u>Location Service Charge</u> - For allowed unmetered service	\$6.48	
<u>Distribution Charge per kWh (1)</u>	3.739¢	
<u>Transmission Charge per kWh</u>	0.685¢	
<u>Transition Charge per kWh</u>	0.972¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	4.700¢
<u>Default Service Charge per kWh</u>	Per Tariff for Default Service

Minimum Charge - The applicable monthly Customer Charge or Location Service Charge, provided, however if the KVA transformer capacity needed to serve a customer exceeds 25 KVA, the minimum charge will be increased by \$1.75 for each KVA in excess of 25 KVA.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

MASSACHUSETTS ELECTRIC COMPANY

General Service - Demand G-2
M.D.T.E. No. 1022
Adjusted by:

Effective
May 1, 2000

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	January 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$15.23	
<u>Distribution Demand Charge per kW</u>	\$5.92	
<u>Distribution Energy Charge per kWh (1)</u>	0.034¢	
<u>Transition Demand Charge per kW (2)</u>	\$0.98	
<u>Transition Charge per kWh (3)</u>	0.734¢	
<u>Transmission Charge per kWh</u>	0.632¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	4.700¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Minimum Charge

The Customer Charge plus the Demand Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.
- (2) Includes Contract Termination Charge mitigation of (\$2.15) per kW.
- (3) Includes Contract Termination Charge mitigation of (1.238¢) per kWh and Transition Adjustment Factor of 0.153¢ per kWh.

MASSACHUSETTS ELECTRIC COMPANY

Time-of-Use - G-3

M.D.T.E. No. 1023

Adjusted By:

Effective

May 1, 2000

Transition Cost Adjustment
 Standard Service Cost Adjustment
 Transmission Service Cost Adjustment
 Default Service Adjustment

January 1, 2003
 January 1, 2003
 January 1, 2003
 January 1, 2003

Monthly Charge as AdjustedRates for Retail Delivery Service

<u>Customer Charge</u>	\$67.27	
<u>Distribution Demand Charge per kW</u>	\$3.63	
<u>Distribution Energy Charge per kWh (1)</u>		
Peak Hours Use	1.017¢	
Off-Peak Hours Use	(0.052¢)	
<u>Transition Charge per kW (2)</u>	\$1.65	
<u>Transition Charge per kWh (3)</u>	0.567¢	
<u>Transmission Charge per kWh</u>	0.538¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	4.700¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Minimum Charge

The monthly Customer Charge plus the Demand Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.
- (2) Includes Contract Termination Charge mitigation of (\$3.61) per kW.
- (3) Includes Contract Termination Charge mitigation of (1.046¢) per kWh and Transition Adjustment Factor of 0.077¢ per kWh.

STREET LIGHTING - COMPANY OWNED EQUIPMENT S-1

M.D.T.E. No. 1054

Adjusted By:

Effective

April 1, 2002

Transition Cost Adjustment
 Standard Service Cost Adjustment
 Transmission Service Cost Adjustment
 Default Service Adjustment

January 1, 2003
 January 1, 2003
 January 1, 2003
 January 1, 2003

<u>Luminaire</u>		<u>Code(s)</u>	<u>Annual KWH</u>
<u>Type/Lumens</u>			
<u>Incandescent</u>	1,000	10	440
	2,500	11	845
<u>Mercury Vapor</u>	4,000 PT	01	561
	8,000 PT	02	908
	4,000	03	561
	8,000	04	908
	11,000	16	1,248
	22,000	05	1,897
	63,000	06	4,569
	22,000 FL	23	1,897
	63,000 FL	24	4,569
<u>Sodium Vapor</u>	4,000	70, 83	248
	5,800	71	349
	9,600	72, 79	490
	13,000 (Retrofit)	41	758
	16,000	73	714
	27,500	74	1,284
	27,500 FL	77	1,255
	27,500 (12 Hr.)	81	1,314
	27,500 (24 Hr.)	82	2,628
	50,000	75	1,968
	50,000 FL	78	1,968
	140,000	76	4,578

The luminaire cost as shown in Section I for Full Street Lighting Service of the tariff will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢ per kWh, a Default Service Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh, and, if applicable, either a Standard Service Charge of 4.700¢ per kWh, or a Default Service Charge per Tariff for Default Service applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003

The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.

MASSACHUSETTS ELECTRIC COMPANY

STREET LIGHTING-OVERHEAD-CUSTOMER OWNED EQUIPMENT S-2
M.D.T.E. No. 1025Effective

May 1, 2000

Adjusted By:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	January 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003

Luminaire

<u>Type/Lumens</u>	<u>Code(s)</u>	<u>Annual KWH</u>
<u>Mercury Vapor</u>		
4,000	113	561
8,000	114	908
22,000	115	1,897
22,000 FL	117	1,897
63,000	116	4,569
63,000 FL	118	4,569
<u>Sodium Vapor</u>		
4,000	100	248
5,800	101	349
9,600	102	490
16,000	104	714
27,500	105	1,284
27,500 FL	108	1,255
27,500 (12 Hr.)	111	1,314
27,500 (24 Hr.)	112	2,628
50,000	106	1,968
50,000 FL	109	1,968
140,000	107	4,578

The luminaire cost as shown in the luminaire annual price section and retail delivery service rate section of the rate will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢ per kWh, a Default Service Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh, and, if applicable, either a Standard Service Charge of 4.700¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003

Other Rate Clauses apply as usual.

MASSACHUSETTS ELECTRIC COMPANY

STREET LIGHTING - UNDERGROUND - DIVISION OF OWNERSHIP S-3
M.D.T.E. No. 1055Effective

April 1, 2002

Adjusted By:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	January 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003

<u>Type/Lumens</u>	<u>Code(s)</u>	<u>Annual KWH</u>
<u>Mercury Vapor</u>		
4,000 PT	01	561
8,000 PT	02	908
4,000	03, 30	561
8,000	04, 31	908
22,000	05, 33	1,897
63,000	06	4,569
<u>Sodium Vapor</u>		
4,000	70, 53	248
5,800	51	349
9,600	72, 52	490
27,500	74, 36	1,284
50,000	75, 37	1,968
140,000	76, 38	4,578

The luminaire cost as shown in Section I for Full Street Lighting Service (Option A & B) of the tariff will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢ per kWh, Default Service Cost Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh, and, if applicable, either a Standard Service Charge of 4.700¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003

The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.

MASSACHUSETTS ELECTRIC COMPANY
STREET LIGHTING - CUSTOMER OWNED EQUIPMENT S-5
M.D.T.E. No. 1027

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	January 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003

<u>Luminaire</u>		<u>Code(s)</u>	<u>Annual KWH</u>
<u>Type/Lumens</u>			
<u>Incandescent</u>	1,000	10	440
	2,500	11	845
	6,000	13	1,872
	10,000	14	2,591
<u>Mercury Vapor</u>	4,000 PT	01	561
	8,000 PT	02	908
	4,000	03	561
	8,000	04	908
	11,000	16	1,248
	22,000	05	1,897
	63,000	06	4,569
	22,000 FL	23	1,897
	63,000 FL	24	4,569
<u>Sodium Vapor</u>	4,000	70, 83	248
	5,800	71	349
	9,600	72, 79	490
	13,000 (Retrofit)	41	758
	16,000	73	714
	27,500	74	1,284
	27,500 FL	77	1,255
	27,500 (12 Hr.)	81	1,314
	27,500 (24 Hr.)	82	2,628
	50,000	75	1,968
	50,000 FL	78	1,968
	140,000	76	4,578

The distribution rate as shown in the retail delivery service rate section will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢ per kWh, a Default Service Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh, and, if applicable, a Standard Service Charge of 4.700¢ per kWh or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003

Other Rate Clauses apply as usual.

MASSACHUSETTS ELECTRIC COMPANY
STREET LIGHTING - COMPANY OWNED EQUIPMENT S-20

M.D.T.E. No. 1056

Adjusted By:

Effective
April 1, 2002

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment

January 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003

<u>Luminaire</u> <u>Type/Lumens</u>	<u>Code(s)</u>	<u>Annual KWH</u>
<u>Incandescent</u>		
1,000	10	440
2,500	11	845
<u>Mercury Vapor</u>		
4,000 PT	01	561
8,000 PT	02	908
4,000	03	561
8,000	04	908
11,000	16	1,248
22,000	05	1,897
63,000	06	4,569
22,000 FL	23	1,897
63,000 FL	24	4,569
<u>Sodium Vapor</u>		
4,000	70, 83	248
5,800	71	349
9,600	72, 79	490
13,000 (Retrofit)	41	758
16,000	73	714
27,500	74	1,284
27,500 FL	77	1,255
27,500 (12 Hr.)	81	1,314
27,500 (24 Hr.)	82	2,628
50,000	75	1,968
50,000 FL	78	1,968
140,000	76	4,578

The luminaire cost as shown in Section I for Full Street Lighting Service of the tariff will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢ per kWh, a Default Service Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh and, if applicable, either a Standard Service Charge of 4.700¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003

The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.

NANTUCKET ELECTRIC COMPANY
Residential Regular R-1
M.D.T.E. No. 439

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	January 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003
Adjustment for Cable Facilities Surcharge	January 1, 2003

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$5.81	
<u>Distribution Charge per kWh (1)</u>	2.398¢	
<u>Transmission Charge per kWh</u>	0.660¢	
<u>Transition Charge per kWh</u>	1.002¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003
<u>Cable Facilities Surcharge per kWh</u>		
Summer	2.499¢	
Winter	1.544¢	

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	4.700¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Interruptible Credits

IC-1	\$5.50
IC-2	\$7.50

Minimum Charge

The monthly Customer Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

NANTUCKET ELECTRIC COMPANY
Residential Low Income R-2
M.D.T.E. No. 440

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	January 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003
Adjustment for Cable Facilities Surcharge	January 1, 2003

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$3.77	
<u>Distribution Charge per kWh (1)</u>	0.359¢	
<u>Transmission Charge per kWh</u>	0.660¢	
<u>Transition Charge per kWh</u>	1.051¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003
<u>Cable Facilities Surcharge per kWh</u>		
Summer	2.239¢	
Winter	1.481¢	

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	4.700¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Interruptible Credit

IC-1	\$5.50
IC-2	\$7.50

Minimum Charge

The monthly Customer Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

NANTUCKET ELECTRIC COMPANY
Residential - Time-of-Use (Optional) R-4
M.D.T.E. No. 451

Effective
May 1, 2000

Adjusted by:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	January 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003
Adjustment for Cable Facilities Surcharge	January 1, 2003

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$19.20	
<u>Metering Charge</u>	If applicable	
<u>Distribution Charge per kWh (1)</u>		
Peak Hours Use	6.057¢	
Off-Peak Hours Use	0.281¢	
<u>Transmission Charge per kWh</u>	0.441¢	
<u>Transition Charge per kWh</u>		
Peak Hours Use	2.363¢	
Off-Peak Hours Use	(0.193¢)	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003
<u>Cable Facilities Surcharge per kWh</u>		
Summer	0.000¢	
Winter	0.000¢	

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	4.700¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Minimum Charge

The monthly Customer Charge plus the applicable Metering Charge, if any.

Other rate clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

NANTUCKET ELECTRIC COMPANY

Limited Residential Electric Space Heating Rate E
M.D.T.E. No. 442

Effective

May 1, 2000

Adjusted by:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	January 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003
Adjustment for Cable Facilities Surcharge	January 1, 2003

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$5.81	
<u>Distribution Charge per kWh (1)</u>	2.398¢	
<u>Transmission Charge per kWh</u>	0.660¢	
<u>Transition Charge per kWh</u>	1.002¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003
<u>Cable Facilities Surcharge per kWh</u>		
Summer	2.616¢	
Winter	0.862¢	

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	4.700¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Minimum Charge

The monthly Customer Charge.

Other rate clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

NANTUCKET ELECTRIC COMPANY

General Service-Small Commercial & Industrial G-1
M.D.T.E. No. 443

Effective

May 1, 2000

Adjusted By:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	January 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003
Adjustment for Cable Facilities Surcharge	January 1, 2003

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$8.32	
<u>Location Service Charge</u> - Allowed unmetered service	\$6.48	
<u>Distribution Charge per kWh (1)</u>	3.739¢	
<u>Transmission Charge per kWh</u>	0.685¢	
<u>Transition Charge per kWh</u>	0.972¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003
 <u>Cable Facilities Surcharge per kWh</u>		
Summer	2.643¢	
Winter	2.446¢	

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	4.700¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service
<u>Minimum Charge</u> -	The applicable monthly Customer Charge or Location Service Charge, <u>provided, however</u> if the KVA transformer capacity needed to serve a customer exceeds 25 KVA, the minimum charge will be increased by \$1.75 for each KVA in excess of 25 KVA.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

NANTUCKET ELECTRIC COMPANY

General Service - Demand G-2

M.D.T.E. No. 444

Adjusted By:

Effective

May 1, 2000

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	January 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003
Adjustment for Cable Facilities Surcharge	January 1, 2003

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$15.23	
<u>Distribution Demand Charge per kW</u>	\$5.92	
<u>Distribution Energy Charge per kWh (1)</u>	0.034¢	
<u>Transition Charge per kW (2)</u>	\$0.98	
<u>Transition Charge per kWh (3)</u>	0.734¢	
<u>Transmission Charge per kWh</u>	0.632¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003
<u>Cable Facilities Surcharge per kWh</u>		
Summer	3.413¢	
Winter	2.956¢	

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	4.700¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Minimum Charge

The Customer Charge plus the Demand Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.
- (2) Includes Contract Termination Charge mitigation of (\$2.15) per kW.
- (3) Includes Contract Termination Charge mitigation of (1.238¢) per kWh and Transition Adjustment Factor of 0.153¢ per kWh.

NANTUCKET ELECTRIC COMPANY

Time-of-Use - G-3

M.D.T.E. No. 445

Adjusted By:

Effective

May 1, 2000

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	January 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003
Adjustment for Cable Facilities Surcharge	January 1, 2003

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$67.27	
<u>Distribution Demand Charge per kW</u>	\$3.63	
<u>Distribution Energy Charge per kWh (1)</u>		
Peak Hours Use	1.017¢	
Off-Peak Hours Use	(0.052¢)	
<u>Transition Charge per kW (2)</u>	\$1.65	
<u>Transition Charge per kWh (3)</u>	0.567¢	
<u>Transmission Charge per kWh</u>	0.538¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003
<u>Cable Facilities Surcharge per kWh</u>		
Summer	2.415¢	
Winter	2.076¢	

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	4.700¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Minimum Charge

The monthly Customer Charge plus the Demand Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.
- (2) Includes Contract Termination Charge mitigation of (\$3.61) per kW.
- (3) Includes Contract Termination Charge mitigation of (1.046¢) per kWh and Transition Adjustment Factor of 0.077¢ per kWh.

NANTUCKET ELECTRIC COMPANY
STREET LIGHTING COMPANY-OWNED EQUIPMENT - S-1
M.D.T.E. No. 460

Effective
April 1, 2002

Adjusted By:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	January 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003
Adjustment for Cable Facilities Surcharge	January 1, 2003

Luminaire

<u>Type/Lumens</u>	<u>Code(s)</u>	<u>Annual kWh</u>
<u>Incandescent</u>		
1,000	10	440
2,500	11	845
<u>Mercury Vapor</u>		
4,000 PT	01	561
8,000 PT	02	908
4,000	03	561
8,000	04	908
11,000	16	1,248
22,000	05	1,897
63,000	06	4,569
22,000 FL	23	1,897
63,000 FL	24	4,569
<u>Sodium Vapor</u>		
4,000	70, 83	248
5,800	71	349
9,600	72, 79	490
13,000 (Retrofit)	41	758
16,000	73	714
27,500	74	1,284
27,500 FL	77	1,255
27,500 (12 Hr.)	81	1,314
27,500 (24 Hr.)	82	2,628
50,000	75	1,968
50,000 FL	78	1,968
140,000	76	4,578

The luminaire cost as shown in Section I for Full Street Lighting Service of the tariff will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢ per kWh, a Cable Facilities Surcharge of 0.566¢ per kWh, a Default Service Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh, and, if applicable, either a Standard Service Charge of 4.700¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003

The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.

NANTUCKET ELECTRIC COMPANY

STREET LIGHTING-OVERHEAD-CUSTOMER OWNED EQUIPMENT S-2

M.D.T.E. No. 447

Adjusted By:

Effective

May 1, 2000

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	January 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003
Adjustment for Cable Facilities Surcharge	January 1, 2003

Luminaire

<u>Type/Lumens</u>	<u>Code(s)</u>	<u>Annual kWh</u>
<u>Mercury Vapor</u>		
4,000	113	561
8,000	114	908
22,000	115	1,897
22,000 FL	117	1,897
63,000	116	4,569
63,000 FL	118	4,569
<u>Sodium Vapor</u>		
4,000	100	248
5,800	101	349
9,600	102	490
16,000	104	714
27,500	105	1,284
27,500 FL	108	1,255
27,500 (12 Hr.)	111	1,314
27,500 (24 Hr.)	112	2,628
50,000	106	1,968
50,000 FL	109	1,968
140,000	107	4,578

The luminaire cost as shown in the luminaire annual price section and retail delivery service rate section of the rate will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢, a Cable Facilities Surcharge of 0.566¢ per kWh, a Default Service Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh, and, if applicable, either a Standard Service Charge of 4.700¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003

Other Rate Clauses apply as usual.

NANTUCKET ELECTRIC COMPANY

Street Lighting - Underground - Division of Ownership S-3
M.D.T.E. No. 461

Effective

April 1, 2002

Adjusted By:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	January 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003
Adjustment for Cable Facilities Surcharge	January 1, 2003

<u>Type/Lumens</u>		<u>Code(s)</u>	<u>Annual kWh</u>
<u>Mercury Vapor</u>	4,000 PT	01	561
	8,000 PT	02	908
	4,000	03, 30	561
	8,000	04, 31	908
	22,000	05, 33	1,897
	63,000	06	4,569
<u>Sodium Vapor</u>	4,000	70, 53	248
	5,800	51	349
	9,600	72, 52	490
	27,500	74, 36	1,284
	50,000	75, 37	1,968
	140,000	76, 38	4,578

The luminaire cost as shown in the n Section I for Full Street Lighting Service (Option A & B) of the tariff will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢ per kWh, a Cable Facilities Surcharge of 0.566¢ per kWh, a Default Service Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh, and, if applicable, either a Standard Service Charge of 4.700¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003

The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.

NANTUCKET ELECTRIC COMPANY

STREET LIGHTING - COMPANY-OWNED EQUIPMENT - S-20

M.D.T.E. No.462

Adjusted By:

Effective

April 1, 2002

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	January 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003
Adjustment for Cable Facilities Surcharge	January 1, 2003

Luminaire

	<u>Type/Lumens</u>	<u>Code(s)</u>	<u>Annual kWh</u>
<u>Incandescent</u>	1,000	10	440
	2,500	11	845
<u>Mercury Vapor</u>	4,000 PT	01	561
	8,000 PT	02	908
	4,000	03	561
	8,000	04	908
	11,000	16	1,248
	22,000	05	1,897
	63,000	06	4,569
	22,000 FL	23	1,897
	63,000 FL	24	4,569
<u>Sodium Vapor</u>	4,000	70, 83	248
	5,800	71	349
	9,600	72, 79	490
	13,000 (Retrofit)	41	758
	16,000	73	714
	27,500	74	1,284
	27,500 FL	77	1,255
	27,500 (12 Hr.)	81	1,314
	27,500 (24 Hr.)	82	2,628
	50,000	75	1,968
	50,000 FL	78	1,968
	140,000	76	4,578

The luminaire cost as shown in Section I for Full Street Lighting Service of the tariff will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢ per kWh, a Cable Facilities Surcharge of 0.566¢ per kWh, a Default Service Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh, and, if applicable, either a Standard Service Charge of 4.700¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003

The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.

MASSACHUSETTS ELECTRIC COMPANY

Residential Regular R-1
M.D.T.E. No. 1018

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment

January 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$5.81	
<u>Distribution Charge per kWh (1)</u>	2.398¢	
<u>Transmission Charge per kWh</u>	0.660¢	
<u>Transition Charge per kWh</u>	1.002¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	4.700¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Interruptible Credits

IC-1	\$5.50
IC-2	\$7.50
IC-3 (billing months of July, Aug., Sept., Oct. only)	\$6.00
IC-4 (billing months of July, Aug., Sept., Oct. only)	\$6.50

Minimum Charge

The monthly Customer Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

MASSACHUSETTS ELECTRIC COMPANY

Residential Low Income R-2
M.D.T.E. No.1019Effective

May 1, 2000

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service AdjustmentJanuary 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003Monthly Charge as AdjustedRates for Retail Delivery Service

<u>Customer Charge</u>	\$3.77	
<u>Distribution Charge per kWh (1)</u>	0.359¢	
<u>Transmission Charge per kWh</u>	0.660¢	
<u>Transition Charge per kWh</u>	1.051¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	4.700¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Interruptible Credit

IC-1	\$5.50
IC-2	\$7.50

Minimum Charge

The monthly Customer Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

MASSACHUSETTS ELECTRIC COMPANY

Residential - Time-of-Use (Optional) R-4
M.D.T.E. No. 1033Effective
May 1, 2000

Adjusted by:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service AdjustmentJanuary 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003Monthly Charge as AdjustedRates for Retail Delivery Service

<u>Customer Charge</u>	\$19.20	
<u>Metering Charge</u>	If applicable	
<u>Distribution Charge per kWh (1)</u>		
Peak Hours Use	6.057¢	
Off-Peak Hours Use	0.281¢	
<u>Transmission Charge per kWh</u>	0.441¢	
<u>Transition Charge per kWh</u>		
Peak Hours Use	2.363¢	
Off-Peak Hours Use	(0.193¢)	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	4.700¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Minimum Charge

The monthly Customer Charge plus the applicable Metering Charge, if any.

Other rate clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

MASSACHUSETTS ELECTRIC COMPANY

General Service-Small Commercial & Industrial G-1
M.D.T.E. No. 1021
Adjusted By:

Effective

May 1, 2000

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment

January 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003

Monthly Charge as AdjustedRates for Retail Delivery Service

<u>Customer Charge</u>	\$8.32	
<u>Location Service Charge</u> - For allowed unmetered service	\$6.48	
<u>Distribution Charge per kWh (1)</u>	3.739¢	
<u>Transmission Charge per kWh</u>	0.685¢	
<u>Transition Charge per kWh</u>	0.972¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	4.700¢
<u>Default Service Charge per kWh</u>	Per Tariff for Default Service

Minimum Charge - The applicable monthly Customer Charge or Location Service Charge, provided,
however if the KVA transformer capacity needed to serve a customer exceeds 25 KVA,
the minimum charge will be increased by \$1.75 for each KVA in excess of 25 KVA.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

MASSACHUSETTS ELECTRIC COMPANY

General Service - Demand G-2
M.D.T.E. No. 1022
Adjusted by:

Effective
May 1, 2000

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment

January 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$15.23	
<u>Distribution Demand Charge per kW</u>	\$5.92	
<u>Distribution Energy Charge per kWh (1)</u>	0.034¢	
<u>Transition Demand Charge per kW (2)</u>	\$0.98	
<u>Transition Charge per kWh (3)</u>	0.734¢	
<u>Transmission Charge per kWh</u>	0.632¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	4.700¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Minimum Charge

The Customer Charge plus the Demand Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.
- (2) Includes Contract Termination Charge mitigation of (\$2.15) per kW.
- (3) Includes Contract Termination Charge mitigation of (1.238¢) per kWh and Transition Adjustment Factor of 0.153¢ per kWh.

MASSACHUSETTS ELECTRIC COMPANY

Time-of-Use - G-3

M.D.T.E. No. 1023

Adjusted By:

Effective

May 1, 2000

Transition Cost Adjustment
 Standard Service Cost Adjustment
 Transmission Service Cost Adjustment
 Default Service Adjustment

January 1, 2003
 January 1, 2003
 January 1, 2003
 January 1, 2003

Monthly Charge as AdjustedRates for Retail Delivery Service

<u>Customer Charge</u>	\$67.27	
<u>Distribution Demand Charge per kW</u>	\$3.63	
<u>Distribution Energy Charge per kWh (1)</u>		
Peak Hours Use	1.017¢	
Off-Peak Hours Use	(0.052¢)	
<u>Transition Charge per kW (2)</u>	\$1.65	
<u>Transition Charge per kWh (3)</u>	0.567¢	
<u>Transmission Charge per kWh</u>	0.538¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	4.700¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Minimum Charge

The monthly Customer Charge plus the Demand Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.
- (2) Includes Contract Termination Charge mitigation of (\$3.61) per kW.
- (3) Includes Contract Termination Charge mitigation of (1.046¢) per kWh and Transition Adjustment Factor of 0.077¢ per kWh.

STREET LIGHTING - COMPANY OWNED EQUIPMENT S-1

M.D.T.E. No. 1054

Adjusted By:

Effective

April 1, 2002

Transition Cost Adjustment
 Standard Service Cost Adjustment
 Transmission Service Cost Adjustment
 Default Service Adjustment

January 1, 2003
 January 1, 2003
 January 1, 2003
 January 1, 2003

<u>Luminaire</u>			
<u>Type/Lumens</u>		<u>Code(s)</u>	<u>Annual KWH</u>
<u>Incandescent</u>	1,000	10	440
	2,500	11	845
<u>Mercury Vapor</u>	4,000 PT	01	561
	8,000 PT	02	908
	4,000	03	561
	8,000	04	908
	11,000	16	1,248
	22,000	05	1,897
	63,000	06	4,569
	22,000 FL	23	1,897
	63,000 FL	24	4,569
<u>Sodium Vapor</u>	4,000	70, 83	248
	5,800	71	349
	9,600	72, 79	490
	13,000 (Retrofit)	41	758
	16,000	73	714
	27,500	74	1,284
	27,500 FL	77	1,255
	27,500 (12 Hr.)	81	1,314
	27,500 (24 Hr.)	82	2,628
	50,000	75	1,968
	50,000 FL	78	1,968
	140,000	76	4,578

The luminaire cost as shown in Section I for Full Street Lighting Service of the tariff will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢ per kWh, a Default Service Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh, and, if applicable, either a Standard Service Charge of 4.700¢ per kWh, or a Default Service Charge per Tariff for Default Service applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003

The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.

MASSACHUSETTS ELECTRIC COMPANY

STREET LIGHTING-OVERHEAD-CUSTOMER OWNED EQUIPMENT S-2
M.D.T.E. No. 1025Effective

May 1, 2000

Adjusted By:

Transition Cost Adjustment
 Standard Service Cost Adjustment
 Transmission Service Cost Adjustment
 Default Service Adjustment

January 1, 2003
 January 1, 2003
 January 1, 2003
 January 1, 2003

Luminaire

<u>Type/Lumens</u>	<u>Code(s)</u>	<u>Annual KWH</u>
<u>Mercury Vapor</u>		
4,000	113	561
8,000	114	908
22,000	115	1,897
22,000 FL	117	1,897
63,000	116	4,569
63,000 FL	118	4,569
<u>Sodium Vapor</u>		
4,000	100	248
5,800	101	349
9,600	102	490
16,000	104	714
27,500	105	1,284
27,500 FL	108	1,255
27,500 (12 Hr.)	111	1,314
27,500 (24 Hr.)	112	2,628
50,000	106	1,968
50,000 FL	109	1,968
140,000	107	4,578

The luminaire cost as shown in the luminaire annual price section and retail delivery service rate section of the rate will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢ per kWh, a Default Service Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh, and, if applicable, either a Standard Service Charge of 4.700¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003

Other Rate Clauses apply as usual.

Adjusted By:

Transition Cost Adjustment
 Standard Service Cost Adjustment
 Transmission Service Cost Adjustment
 Default Service Adjustment

January 1, 2003
 January 1, 2003
 January 1, 2003
 January 1, 2003

<u>Type/Lumens</u>	<u>Code(s)</u>	<u>Annual KWH</u>
<u>Mercury Vapor</u>		
4,000 PT	01	561
8,000 PT	02	908
4,000	03, 30	561
8,000	04, 31	908
22,000	05, 33	1,897
63,000	06	4,569
<u>Sodium Vapor</u>		
4,000	70, 53	248
5,800	51	349
9,600	72, 52	490
27,500	74, 36	1,284
50,000	75, 37	1,968
140,000	76, 38	4,578

The luminaire cost as shown in Section I for Full Street Lighting Service (Option A & B) of the tariff will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢ per kWh, Default Service Cost Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh, and, if applicable, either a Standard Service Charge of 4.700¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003

The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.

MASSACHUSETTS ELECTRIC COMPANY
STREET LIGHTING - CUSTOMER OWNED EQUIPMENT S-5
M.D.T.E. No. 1027

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment

January 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003

<u>Luminaire</u> <u>Type/Lumens</u>	<u>Code(s)</u>	<u>Annual KWH</u>
<u>Incandescent</u>		
1,000	10	440
2,500	11	845
6,000	13	1,872
10,000	14	2,591
<u>Mercury Vapor</u>		
4,000 PT	01	561
8,000 PT	02	908
4,000	03	561
8,000	04	908
11,000	16	1,248
22,000	05	1,897
63,000	06	4,569
22,000 FL	23	1,897
63,000 FL	24	4,569
<u>Sodium Vapor</u>		
4,000	70, 83	248
5,800	71	349
9,600	72, 79	490
13,000 (Retrofit)	41	758
16,000	73	714
27,500	74	1,284
27,500 FL	77	1,255
27,500 (12 Hr.)	81	1,314
27,500 (24 Hr.)	82	2,628
50,000	75	1,968
50,000 FL	78	1,968
140,000	76	4,578

The distribution rate as shown in the retail delivery service rate section will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢ per kWh, a Default Service Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh, and, if applicable, a Standard Service Charge of 4.700¢ per kWh or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

Demand Side Management Charge per kWh 0.250¢ effective January 1, 2003

Renewables Charge per kWh 0.050¢ effective January 1, 2003

Service Quality Credit per kWh (0.302¢) effective the billing month of May 2003

Other Rate Clauses apply as usual.

MASSACHUSETTS ELECTRIC COMPANY
STREET LIGHTING - COMPANY OWNED EQUIPMENT S-20
M.D.T.E. No. 1056

Effective
April 1, 2002

Adjusted By:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	January 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003

<u>Luminaire</u>		<u>Code(s)</u>	<u>Annual KWH</u>
<u>Type/Lumens</u>			
<u>Incandescent</u>	1,000	10	440
	2,500	11	845
<u>Mercury Vapor</u>	4,000 PT	01	561
	8,000 PT	02	908
	4,000	03	561
	8,000	04	908
	11,000	16	1,248
	22,000	05	1,897
	63,000	06	4,569
	22,000 FL	23	1,897
	63,000 FL	24	4,569
<u>Sodium Vapor</u>	4,000	70, 83	248
	5,800	71	349
	9,600	72, 79	490
	13,000 (Retrofit)	41	758
	16,000	73	714
	27,500	74	1,284
	27,500 FL	77	1,255
	27,500 (12 Hr.)	81	1,314
	27,500 (24 Hr.)	82	2,628
	50,000	75	1,968
	50,000 FL	78	1,968
	140,000	76	4,578

The luminaire cost as shown in Section I for Full Street Lighting Service of the tariff will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢ per kWh, a Default Service Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh and, if applicable, either a Standard Service Charge of 4.700¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003

The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.

NANTUCKET ELECTRIC COMPANY
Residential Regular R-1
M.D.T.E. No. 439

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Adjustment for Cable Facilities Surcharge

January 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$5.81	
<u>Distribution Charge per kWh (1)</u>	2.398¢	
<u>Transmission Charge per kWh</u>	0.660¢	
<u>Transition Charge per kWh</u>	1.002¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003

<u>Cable Facilities Surcharge per kWh</u>	
Summer	2.499¢
Winter	1.544¢

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	4.700¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Interruptible Credits

IC-1	\$5.50
IC-2	\$7.50

Minimum Charge

The monthly Customer Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

NANTUCKET ELECTRIC COMPANY
Residential Low Income R-2
M.D.T.E. No. 440

Effective
May 1, 2000

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Adjustment for Cable Facilities Surcharge

January 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$3.77	
<u>Distribution Charge per kWh (1)</u>	0.359¢	
<u>Transmission Charge per kWh</u>	0.660¢	
<u>Transition Charge per kWh</u>	1.051¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003
<u>Cable Facilities Surcharge per kWh</u>		
Summer	2.239¢	
Winter	1.481¢	

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	4.700¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Interruptible Credit

IC-1	\$5.50
IC-2	\$7.50

Minimum Charge

The monthly Customer Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

NANTUCKET ELECTRIC COMPANY
Residential - Time-of-Use (Optional) R-4
M.D.T.E. No. 451

Effective
May 1, 2000

Adjusted by:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	January 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003
Adjustment for Cable Facilities Surcharge	January 1, 2003

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$19.20	
<u>Metering Charge</u>	If applicable	
<u>Distribution Charge per kWh (1)</u>		
Peak Hours Use	6.057¢	
Off-Peak Hours Use	0.281¢	
<u>Transmission Charge per kWh</u>	0.441¢	
<u>Transition Charge per kWh</u>		
Peak Hours Use	2.363¢	
Off-Peak Hours Use	(0.193¢)	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003
<u>Cable Facilities Surcharge per kWh</u>		
Summer	0.000¢	
Winter	0.000¢	

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	4.700¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Minimum Charge

The monthly Customer Charge plus the applicable Metering Charge, if any.

Other rate clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

NANTUCKET ELECTRIC COMPANY

Limited Residential Electric Space Heating Rate E
M.D.T.E. No. 442

Effective

May 1, 2000

Adjusted by:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Adjustment for Cable Facilities Surcharge

January 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$5.81	
<u>Distribution Charge per kWh (1)</u>	2.398¢	
<u>Transmission Charge per kWh</u>	0.660¢	
<u>Transition Charge per kWh</u>	1.002¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003
<u>Cable Facilities Surcharge per kWh</u>		
Summer	2.616¢	
Winter	0.862¢	

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	4.700¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Minimum Charge

The monthly Customer Charge.

Other rate clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

NANTUCKET ELECTRIC COMPANY

General Service-Small Commercial & Industrial G-1
M.D.T.E. No. 443

Effective

May 1, 2000

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Adjustment for Cable Facilities Surcharge

January 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$8.32	
<u>Location Service Charge</u> - Allowed unmetered service	\$6.48	
<u>Distribution Charge per kWh</u> (1)	3.739¢	
<u>Transmission Charge per kWh</u>	0.685¢	
<u>Transition Charge per kWh</u>	0.972¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003

<u>Cable Facilities Surcharge per kWh</u>	
Summer	2.643¢
Winter	2.446¢

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	4.700¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service
<u>Minimum Charge</u> -	

The applicable monthly Customer Charge or Location Service Charge, provided, however if the KVA transformer capacity needed to serve a customer exceeds 25 KVA, the minimum charge will be increased by \$1.75 for each KVA in excess of 25 KVA.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.

NANTUCKET ELECTRIC COMPANY

General Service - Demand G-2

M.D.T.E. No. 444

Adjusted By:

Effective

May 1, 2000

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Adjustment for Cable Facilities Surcharge

January 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$15.23	
<u>Distribution Demand Charge per kW</u>	\$5.92	
<u>Distribution Energy Charge per kWh (1)</u>	0.034¢	
<u>Transition Charge per kW (2)</u>	\$0.98	
<u>Transition Charge per kWh (3)</u>	0.734¢	
<u>Transmission Charge per kWh</u>	0.632¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003
<u>Cable Facilities Surcharge per kWh</u>		
Summer	3.413¢	
Winter	2.956¢	

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	4.700¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Minimum Charge

The Customer Charge plus the Demand Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.
- (2) Includes Contract Termination Charge mitigation of (\$2.15) per kW.
- (3) Includes Contract Termination Charge mitigation of (1.238¢) per kWh and Transition Adjustment Factor of 0.153¢ per kWh.

NANTUCKET ELECTRIC COMPANY

Time-of-Use - G-3

M.D.T.E. No. 445

Adjusted By:

Effective

May 1, 2000

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Adjustment for Cable Facilities Surcharge

January 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003

Monthly Charge as Adjusted

Rates for Retail Delivery Service

<u>Customer Charge</u>	\$67.27	
<u>Distribution Demand Charge per kW</u>	\$3.63	
<u>Distribution Energy Charge per kWh (1)</u>		
Peak Hours Use	1.017¢	
Off-Peak Hours Use	(0.052¢)	
<u>Transition Charge per kW (2)</u>	\$1.65	
<u>Transition Charge per kWh (3)</u>	0.567¢	
<u>Transmission Charge per kWh</u>	0.538¢	
<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003
<u>Cable Facilities Surcharge per kWh</u>		
Summer	2.415¢	
Winter	2.076¢	

Rates for Supplier Service

<u>Standard Service Charge per kWh</u>	4.700¢
<u>Default Service Charge per kWh</u>	per Tariff for Default Service

Minimum Charge

The monthly Customer Charge plus the Demand Charge.

Other Rate Clauses apply as usual.

- (1) Includes Default Service Adjustment Factor of 0.010¢ per kWh and a Standard Service Cost Adjustment Factor of (0.062¢) per kWh.
- (2) Includes Contract Termination Charge mitigation of (\$3.61) per kW.
- (3) Includes Contract Termination Charge mitigation of (1.046¢) per kWh and Transition Adjustment Factor of 0.077¢ per kWh.

NANTUCKET ELECTRIC COMPANY
STREET LIGHTING COMPANY-OWNED EQUIPMENT - S-1
M.D.T.E. No. 460

Effective
April 1, 2002

Adjusted By:

Transition Cost Adjustment	January 1, 2003
Standard Service Cost Adjustment	January 1, 2003
Transmission Service Cost Adjustment	January 1, 2003
Default Service Adjustment	January 1, 2003
Adjustment for Cable Facilities Surcharge	January 1, 2003

<u>Luminaire</u>		<u>Code(s)</u>	<u>Annual kWh</u>
<u>Type/Lumens</u>			
<u>Incandescent</u>	1,000	10	440
	2,500	11	845
<u>Mercury Vapor</u>	4,000 PT	01	561
	8,000 PT	02	908
	4,000	03	561
	8,000	04	908
	11,000	16	1,248
	22,000	05	1,897
	63,000	06	4,569
	22,000 FL	23	1,897
	63,000 FL	24	4,569
<u>Sodium Vapor</u>	4,000	70, 83	248
	5,800	71	349
	9,600	72, 79	490
	13,000 (Retrofit)	41	758
	16,000	73	714
	27,500	74	1,284
	27,500 FL	77	1,255
	27,500 (12 Hr.)	81	1,314
	27,500 (24 Hr.)	82	2,628
	50,000	75	1,968
	50,000 FL	78	1,968
	140,000	76	4,578

The luminaire cost as shown in Section I for Full Street Lighting Service of the tariff will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢ per kWh, a Cable Facilities Surcharge of 0.566¢ per kWh, a Default Service Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh, and, if applicable, either a Standard Service Charge of 4.700¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003

The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.

NANTUCKET ELECTRIC COMPANY

STREET LIGHTING-OVERHEAD-CUSTOMER OWNED EQUIPMENT S-2

M.D.T.E. No. 447

Adjusted By:

Effective

May 1, 2000

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Adjustment for Cable Facilities Surcharge

January 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003

<u>Luminaire</u>		<u>Code(s)</u>	<u>Annual kWh</u>
<u>Type/Lumens</u>			
<u>Mercury Vapor</u>	4,000	113	561
	8,000	114	908
	22,000	115	1,897
	22,000 FL	117	1,897
	63,000	116	4,569
	63,000 FL	118	4,569
<u>Sodium Vapor</u>	4,000	100	248
	5,800	101	349
	9,600	102	490
	16,000	104	714
	27,500	105	1,284
	27,500 FL	108	1,255
	27,500 (12 Hr.)	111	1,314
	27,500 (24 Hr.)	112	2,628
	50,000	106	1,968
	50,000 FL	109	1,968
	140,000	107	4,578

The luminaire cost as shown in the luminaire annual price section and retail delivery service rate section of the rate will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢, a Cable Facilities Surcharge of 0.566¢ per kWh, a Default Service Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh, and, if applicable, either a Standard Service Charge of 4.700¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003

Other Rate Clauses apply as usual.

NANTUCKET ELECTRIC COMPANY

Street Lighting - Underground - Division of Ownership S-3
M.D.T.E. No. 461

Effective

April 1, 2002

Adjusted By:

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Adjustment for Cable Facilities Surcharge

January 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003

<u>Type/Lumens</u>		<u>Code(s)</u>	<u>Annual kWh</u>
<u>Mercury Vapor</u>	4,000 PT	01	561
	8,000 PT	02	908
	4,000	03, 30	561
	8,000	04, 31	908
	22,000	05, 33	1,897
	63,000	06	4,569
<u>Sodium Vapor</u>	4,000	70, 53	248
	5,800	51	349
	9,600	72, 52	490
	27,500	74, 36	1,284
	50,000	75, 37	1,968
	140,000	76, 38	4,578

The luminaire cost as shown in the n Section I for Full Street Lighting Service (Option A & B) of the tariff will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢ per kWh, a Cable Facilities Surcharge of 0.566¢ per kWh, a Default Service Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh, and, if applicable, either a Standard Service Charge of 4.700¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

<u>Demand Side Management Charge per kWh</u>	0.250¢	effective January 1, 2003
<u>Renewables Charge per kWh</u>	0.050¢	effective January 1, 2003
<u>Service Quality Credit per kWh</u>	(0.302¢)	effective the billing month of May 2003

The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.

NANTUCKET ELECTRIC COMPANY

STREET LIGHTING - COMPANY-OWNED EQUIPMENT - S-20

M.D.T.E. No.462

Adjusted By:

Effective

April 1, 2002

Transition Cost Adjustment
Standard Service Cost Adjustment
Transmission Service Cost Adjustment
Default Service Adjustment
Adjustment for Cable Facilities Surcharge

January 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003
January 1, 2003

Luminaire

	<u>Type/Lumens</u>	<u>Code(s)</u>	<u>Annual kWh</u>
<u>Incandescent</u>	1,000	10	440
	2,500	11	845
<u>Mercury Vapor</u>	4,000 PT	01	561
	8,000 PT	02	908
	4,000	03	561
	8,000	04	908
	11,000	16	1,248
	22,000	05	1,897
	63,000	06	4,569
	22,000 FL	23	1,897
	63,000 FL	24	4,569
<u>Sodium Vapor</u>	4,000	70, 83	248
	5,800	71	349
	9,600	72, 79	490
	13,000 (Retrofit)	41	758
	16,000	73	714
	27,500	74	1,284
	27,500 FL	77	1,255
	27,500 (12 Hr.)	81	1,314
	27,500 (24 Hr.)	82	2,628
	50,000	75	1,968
	50,000 FL	78	1,968
	140,000	76	4,578

The luminaire cost as shown in Section I for Full Street Lighting Service of the tariff will be adjusted by a Transmission Charge of 0.445¢ per kWh, a Transition Charge of 1.046¢ per kWh, a Cable Facilities Surcharge of 0.566¢ per kWh, a Default Service Adjustment Factor of 0.010¢ per kWh, a Standard Service Cost Adjustment Factor of (0.062¢) per kWh, and, if applicable, either a Standard Service Charge of 4.700¢ per kWh, or a Default Service Charge per Tariff for Default Service, applied to monthly usage based on the annual kWh shown above. Also,

Demand Side Management Charge per kWh 0.250¢ effective January 1, 2003

Renewables Charge per kWh 0.050¢ effective January 1, 2003

Service Quality Credit per kWh (0.302¢) effective the billing month of May 2003

The temporary turn off charge as shown in Section II for Temporary Turn Off Service shall not be adjusted by any energy-related charges as identified above for Section I.

Other Rate Clauses apply as usual.